



City of Austin - JOB DESCRIPTION



Airport Equipment Technician Senior

FLSA:	Standard/Non-Exempt	EEO Category:	(30) Technicians
Class Code:	10378	Salary Grade:	XJ2
Approved:	April 01, 1991	Last Revised:	February 29, 2008

Purpose:

Plan, schedule, and perform tasks in the assembly, repair, and maintenance of complex or intricate electromechanical equipment.

Duties, Functions and Responsibilities:

Essential duties and functions, pursuant to the Americans with Disabilities Act, may include the following. Other related duties may be assigned.

1. Develop weekly schedules for periodic maintenance and trouble shooting.
2. Perform preventative maintenance and trouble shooting of equipment.
3. Conduct routine inspections.
4. Perform electromechanical repairs to complex equipment.
5. Record work performed and parts used for billing purposes.
6. Communicate with equipment users regarding schedule of periodic maintenance and other maintenance needs.
7. Train personnel in job tasks.
8. Modify or refurbish equipment. May perform welding, braising, or fabrication of some parts.
9. Estimate time, labor, and materials for budgetary or billing purposes.
10. Maintain technical data on equipment to be serviced.
11. Maintain inventory of parts.
12. Performs preventive maintenance activities on Airline Equipment per specification(s). Plans work and identifies
13. Install, troubleshoot and repair electronic equipment
14. Operate and repair test equipment
15. Calibrate and maintain equipment at and between control center and remote site
16. Research and order electronic components and maintain parts inventory
17. Maintain, test, troubleshoot, repair and calibrate video graphic displays and video display terminals, printed circuit boards, printers and two-way radio communications systems.
18. Replace defective components and wiring and adjust mechanical parts using hand tools soldering iron.

Responsibilities - Supervisor and/or Leadership Exercised:

None.

Knowledge, Skills, and Abilities:

Must possess required knowledge, skills, abilities and experience and be able to explain and demonstrate, with or without reasonable accommodations, that the essential functions of the job can be performed.

Knowledge of symbols used in engineering drawings, circuit diagrams, or schematics.
 Knowledge of basic operations of small electric motors and pneumatic or hydraulic pumps.
 Knowledge of safety in repair of energized electronic equipment.
 Knowledge of operational function of equipment to be assembled, repaired, or maintained.
 Knowledge of testing electronic components.
 Knowledge of tools and equipment used in performing electromechanical equipment and component repair.
 Knowledge of hydraulic equipment and complex electrical systems.
 Skilled in communicating orally and in writing.
 Skilled in maintaining effective working relationships with other City employees, contractors, and the general public.
 Skilled in tracking and executing periodic maintenance schedules.
 Skilled in testing and calibrating equipment or controls to close tolerance.
 Skilled in reading and interpreting engineering drawings, circuit diagrams, or schematics.
 Skilled in reading and following written specifications for procedures for assembly or repair.
 Knowledge of lock out/tag out procedures for removing equipment from service for maintenance
 Knowledge of electric and electronic theory as it applies to relay and control devices
 Knowledge of electric hook-up
 Skill in control procedures for operating auxiliary equipment
 Skill in testing and calibrating instruments to make precision and close tolerance repairs and adjustment

Minimum Qualifications:

Graduation from High School or Equivalent plus four (4) years of experience in repair and maintenance of electronic controlled pneumatic and hydraulic equipment. Education or Experience may be substituted.

Licenses and Certifications Required:

None

This description is intended to indicate the kinds of tasks and levels of work difficulty required of the position given this title and shall not be construed as declaring what the specific duties and responsibilities of any particular position shall be. It is not intended to limit or in any way modify the right of management to assign, direct and control the work of employees under supervision. The listing of duties and responsibilities shall not be held to exclude other duties not mentioned that are of similar kind or level of difficulty.